



The Steel Company of Canada

---

# Lake Erie Works Community Liaison Committee (CLC) Meeting

---

August 23, 2023

---



# Agenda

## Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of May 3, 2023, Meeting
4. Coke Battery Performance – Q2 2023
5. Community Feedback
6. Adjournment



# Agenda

## Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of May 3, 2023, Meeting
4. **Coke Battery Performance – Q2 2023**
5. Community Feedback
6. Adjournment



# Coke Battery Performance – Method 303

## Performance Review – Daily (Q2 2023)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
<b>2020 - 2023 Thresholds</b>	<b>5%</b>	<b>1%</b>	<b>4%</b>
<b>Apr 1 – June 30, 2023 Range (Average)</b>	<b>0 – 4.44% (0.92%)</b>	<b>0 – 0.56% (0.01%)</b>	<b>0 – 3.49% (0.70%)</b>

### Daily Measurements Performed in Q2 2023

- All weekdays, except for holidays
- 2 Sundays
- 2 Saturdays

### Q2 2023 Operational Adjustments

- None

# Coke Battery Performance – Method 303

Performance Review – 30-Day Rolling Avg. (Q2 2023)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
<b>2020 - 2023 Limits</b>	<b>4%</b>	<b>0.4%</b>	<b>2.5%</b>	<b>12 s</b>
<b>Apr 1 – June 30, 2023 Range (Average)</b>	<b>0.52 – 1.23% (0.75%)</b>	<b>0.00 – 0.02% (0.01%)</b>	<b>0.31 – 1.09% (0.70%)</b>	<b>3.97 – 5.34s (4.52 s)</b>

## Q2 2023 Performance

- In compliance with current limits

# Coke Battery Performance – Method 303

Performance Review – Daily Observations. (Q2 2023)



Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
<b>2020 - 2023</b>	<b>≥ 30%</b>
<b>Apr 1- June 30, 2023 Range (Average)</b>	<b>0 – 28% (9.89%)</b>

## Q2 2023 Operational Adjustments

- None

# Coke Battery Performance

## Additional Items



- There were no community complaints for the period of Q2 2023 related to the cokemaking operations
- MECP invited to provide any verbal comments



- Additional feedback received from neighbors in Q2 2023:
  - Dust
  - Black material at nearby beach (accumulated decomposed organic matter not related to Stelco)
- Hydrogen Pilot Plant
  - Stelco is applying to Ministry of Environment, Conservation and Parks for amendment to existing air permit for a pilot project to use on-site blast furnace gas and basic oxygen furnace gas, to produce hydrogen gas
  - Test technology to convert existing by-product gases into hydrogen for use on-site
  - Emissions from the pilot would be negligible
  - The proposal can be found at: <https://ero.ontario.ca/notice/019-7370>



# Agenda

## Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of May 3, 2023, Meeting
4. Coke Battery Performance – Q2 2023
5. **Community Feedback**
6. Adjournment



# Agenda

## Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of May 3, 2023, Meeting
4. Coke Battery Performance – Q2 2023
5. Community Feedback
6. **Adjournment – next meeting is Nov. 1, 2023**





The Steel Company of Canada